Dräger

Technical Data Sheet Dräger X-plore® Combination filter

1.0	General Data						
1.1	Manufacturer	Dräger Safety AG & Co. KGaA					
1.2	Designation	Dräger X-plore 8500 Filter,					
		A2 P R SL	A1B1E1P R SL		A1B1E1K1 Hg P	R SL	
1.3	Dräger part number	6739545	6739550		6739555		
1.4	GTIN-Code	04026056008520	4026056013401		04026056008537		
1.5	Intended use	Respiratory protection against part System X-plore 8000 and a specifi technical standards and installed a	ed face piece. Scop				
1.6	Relevant standdards	EN12941:2009-02, EN12942:2009					
		(System approval in combination v	vith the powered air	purifying respirator	X-plore 8000)		
2.0	Design & Construction						
2.1	Connection to Powered Air Purifying Respirator	The filter is inserted into the fan unit (with the color marking pointing downward toward the device) until it snaps audibly into place. Then the splash guard lid is set over the filter until it snaps audibly into place.					
2.2	Materials	Filter housing	PC-ABS / ABS				
		Filter material	activated carbon;	micro-glass fibres	, cellulose-fibres, a	dditives	
2.3	Design	Two angular gas filter cartridges are sealed within the nearly angular filter housing. The gas filter parts contain a welded activated carbon bed. The particle filter is positioned in front of the gas filter section in the direction of flow and is welded to the gas filter part. A gas-tight connection of the individual components results from welding. There is a molded gasket on the curved bottom. The whole filter is sealed in a water vapor impermeable barrier bag. The seal is equipped with a blue transport protection against undefined deformation due to the vacuum in the barrier bag.					
2.4	Working principle	Gases and vapours are removed from the ambient air by adsorption onto the sorbent (activated carbon), particles are filtered by the micro-glas fibre filter.					
2.5	Dimensions	245 x 138 x <100 mm					
2.6	Weight	< 1,1 kg					
	Performance Data	<pre>< 1,1 kg (Minimum requirements in accordance with standard)</pre>					
3.0	Performance Data						
3.0 3.1	Mechanical resistance	Resistant to shock and vibration a	s required by EN 12				
			s required by EN 12	temperature, hum	idity and corrosive		
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4.3	Markings	banderole: marking includes color coding in accordance with EN 12941/12942, batch number and expiry date.
4.4	Instruction for use	Each packaging unit contains an IFU in the following languages: English, German, French, Spanish, Portuguese, Italian, Dutsch, Danish, Finnish, Norwegian, Schwedish Additional IFU: Bulgarian, Romanian, Slowenian, Slovakian, Tchech, Hungarian Additional IFU: Croatian, Polish, Russian,Turkish, Chinesisch
5.0	User Notes	
5.1	System usability	Only suitable for use with the Dräger X-plore 8000 Powered Air Purifying Respirator.